



CITY OF WACO

Purchasing Services
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Date: 05/10/2022
RFB No: **2022-034**
Commodity: **Solar Pumps**
Buyer: **Mr. Victor Venegas**

Closing Time: 2:00 P.M. CST, Tuesday, May 17, 2022
Opening Time: 2:01 P.M. CST, Tuesday, May 17, 2022

Bid Opening Location: Operations Center, Purchasing Services Office, 1415 N. 4th St.,
Waco, TX 76707

Addendum No: 1

The above-mentioned Bid invitation has been changed in the following manner. **Sign and return addendum to the Purchasing Office by the closing time and date with your RFB response.** Returning this page signed by your authorized agent will serve to acknowledge this change. All other requirements of the invitation remain unchanged. If you have any questions, please call or stop by the Purchasing Office at the above address.

- 1. See Attachment 1 with questions and answers that were asked at the 5/4/22 Pre-bid Meeting, or that have been submitted by potential bidders**

Firm: _____

Address _____

Signature of Person
Authorized to Sign Bid: _____

Signor's Name and Title
(print or type): _____

E-mail Address: _____

Date: _____ Telephone: _____ Fax: _____

ATTACHMENT 1

1.) **Question:** What is the expected operation with the Batteries?

Answer: The batteries are there to ensure that the pump can run even without sunlight or in periods or extended cloud cover that the solar panels are not feasible.

2.) **Question:** Solar pumps typically operate directly off Solar panels. If the batteries are to provide back-up during certain time periods, what are those times?

Answer: The time periods will be before sunrise or after sunset.

3.) **Question:** If the batteries are to provide back-up, then the batteries will need to be recharged, which require solar power as well. Has this been factored in the requested number of solar panels?

Answer: Yes, this has been factored in the project, there is also a request to have a plug available on the security cabinet that a small generator can be plugged in to charge the batteries/unit if solar is unavailable for an extended amount of time.

4.) **Question:** The equipment needed to switch back and forth from solar to battery is elaborate and costly. Are you expecting this to be automatic?

Answer: Yes

5.) **Question:** Batteries are not typically used in irrigation. Days that do not have adequate sun are usually rainy. Why is the battery back-up needed?

Answer: The batteries are for watering operation before sunrise or after sunset.